



Date Of Deposit: 11/19/2003

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	SEAG 63455
First Inventor	Bin Lu
Title	THIN FILM WITH EXCHANGE *
Express Mail Label No.	ET 859866021 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing) | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) |
| 2. <input type="checkbox"/> Applicant claims small entity status.
See 37 CFR 1.27. | 8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary) |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 11]
(preferred arrangement set forth below) | a. <input type="checkbox"/> Computer Readable Form (CRF) |
| - Descriptive title of the invention | b. Specification Sequence Listing on: |
| - Cross Reference to Related Applications | i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or |
| - Statement Regarding Fed sponsored R & D | ii. <input type="checkbox"/> Paper |
| - Reference to sequence listing, a table, or a computer program listing appendix | c. <input type="checkbox"/> Statements verifying identity of above copies |
| - Background of the Invention | ACCOMPANYING APPLICATION PARTS |
| - Brief Summary of the Invention | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) |
| - Brief Description of the Drawings (if filed) | 10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney |
| - Detailed Description | 11. <input type="checkbox"/> English Translation Document (if applicable) |
| - Claim(s) | 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations |
| - Abstract of the Disclosure | 13. <input type="checkbox"/> Preliminary Amendment |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 5] | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) |
| 5. Oath or Declaration [Total Sheets 1] | 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) |
| a. <input checked="" type="checkbox"/> Newly executed (original or copy) | 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) | 17. <input type="checkbox"/> Other: |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Art Unit: _____
 For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
 The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number: _____ OR Correspondence address below

Name	Benjamin T. Queen, II					
Address	Pietragallo, Bosick & Gordon					
	One Oxford Centre, 38th Floor, 301 Grant Street					
City	Pittsburgh	State	PA	Zip Code	15219	
Country	U.S.A.	Telephone	412 - 263-4360		Fax	412 - 261-0915

Name (Print/Type)	Benjamin T. Queen, II	Registration No. (Attorney/Agent)	41,260
Signature		Date	11/19/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

* COUPLING BETWEEN MAGNETIC GRAINS OF THE THIN FILM

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PTO/SB/17 (10-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 896.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Bin Lu
Examiner Name	
Art Unit	
Attorney Docket No.	SEAG 63455

METHOD OF PAYMENT (check all that apply)
 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	500859
Deposit Account Name	Pietragallo

The Director is authorized to: (check all that apply)

-
- Charge fee(s) indicated below
-
- Credit any overpayments
-
-
- Charge any additional fee(s) or any underpayment of fee(s)
-
-
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee		770	
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1)		(\$ 770.00)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
20	-20** =	0	x 0	= 0	0
4	- 3** =	1	x 86	= 86	86
				0	0
SUBTOTAL (2)		(\$ 86.00)			

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

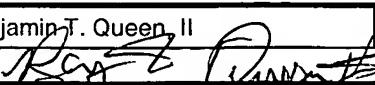
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath			
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet			
1053 130	1053 130	Non-English specification			
1812 2,520	1812 2,520	For filing a request for ex parte reexamination			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action			
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action			
1251 110	2251 55	Extension for reply within first month			
1252 420	2252 210	Extension for reply within second month			
1253 950	2253 475	Extension for reply within third month			
1254 1,480	2254 740	Extension for reply within fourth month			
1255 2,010	2255 1,005	Extension for reply within fifth month			
1401 330	2401 165	Notice of Appeal			
1402 330	2402 165	Filing a brief in support of an appeal			
1403 290	2403 145	Request for oral hearing			
1451 1,510	1451 1,510	Petition to institute a public use proceeding			
1452 110	2452 55	Petition to revive - unavoidable			
1453 1,330	2453 665	Petition to revive - unintentional			
1501 1,330	2501 665	Utility issue fee (or reissue)			
1502 480	2502 240	Design issue fee			
1503 640	2503 320	Plant issue fee			
1460 130	1460 130	Petitions to the Commissioner			
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)			
1806 180	1806 180	Submission of Information Disclosure Stmt			
8021 40	8021 40	Recording each patent assignment per property (times number of properties)			40
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))			
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))			
1801 770	2801 385	Request for Continued Examination (RCE)			
1802 900	1802 900	Request for expedited examination of a design application			

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Benjamin T. Queen, II	Registration No. (Attorney/Agent)	41,260	Telephone	412-263-4360
Signature				Date	11/19/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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